

FIG. 1

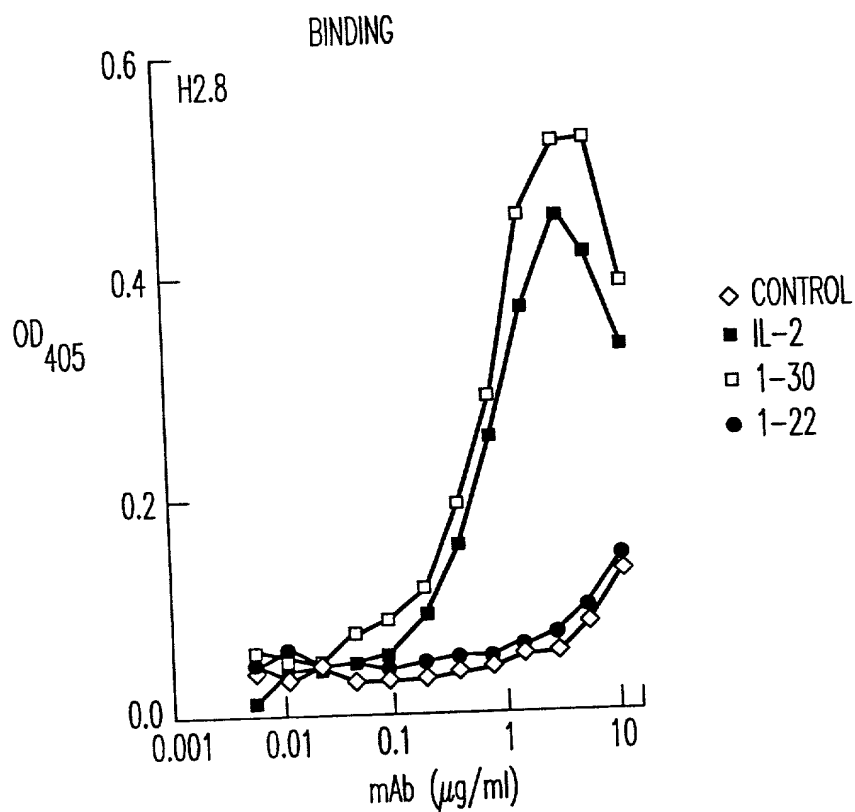


FIG. 2A

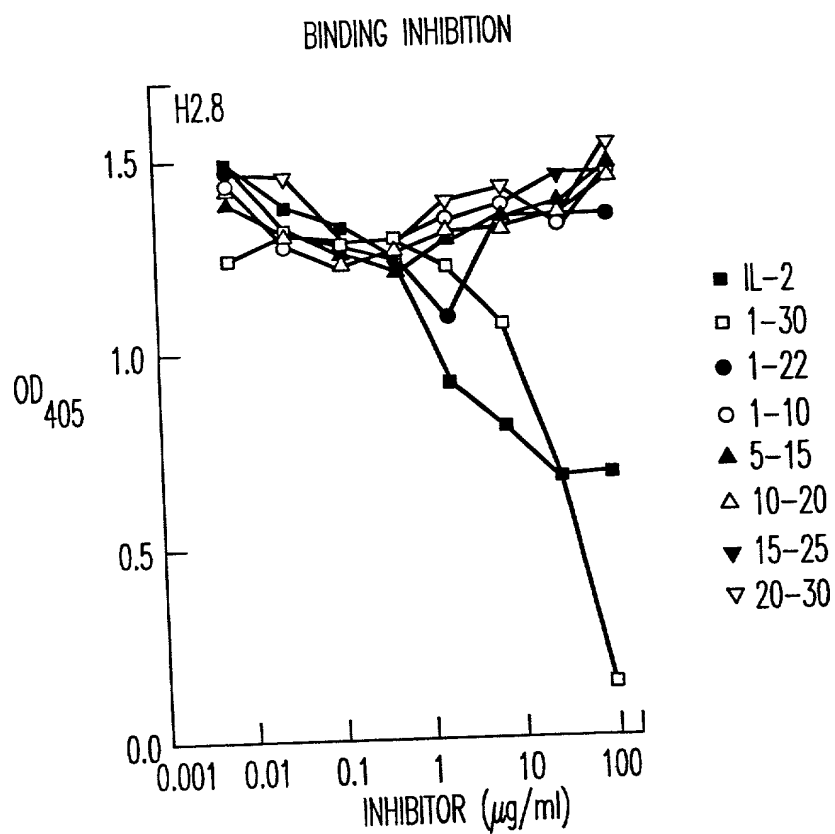


FIG. 2B

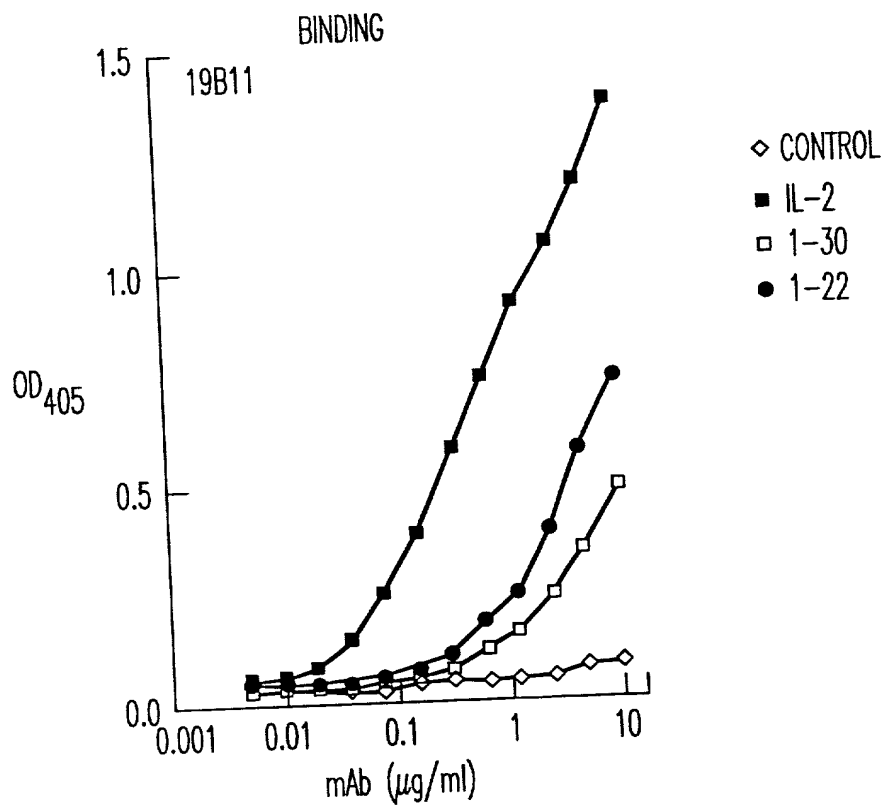


FIG. 2C

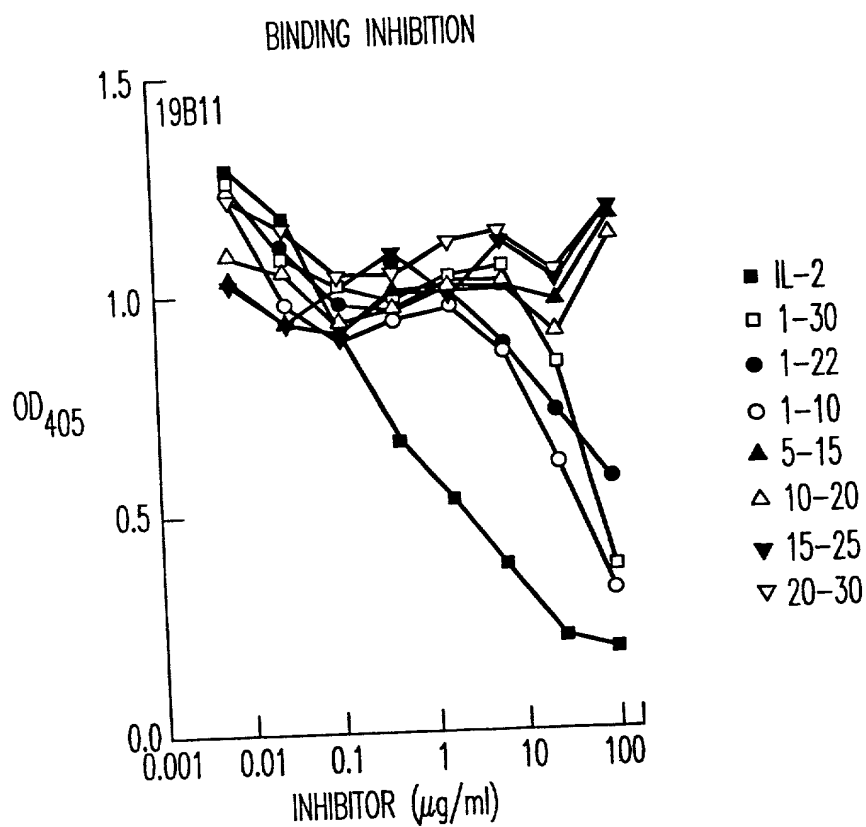


FIG. 2D

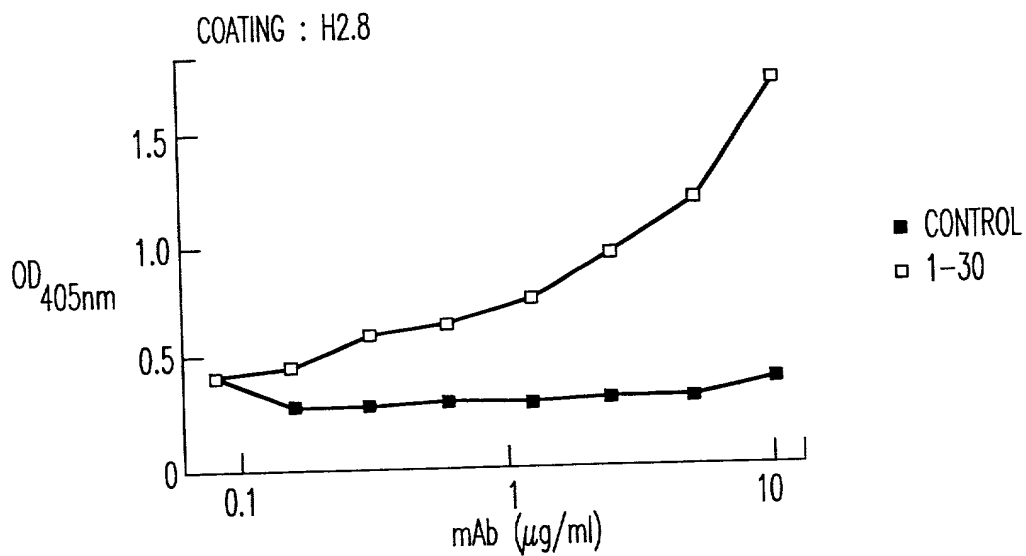


FIG. 3A

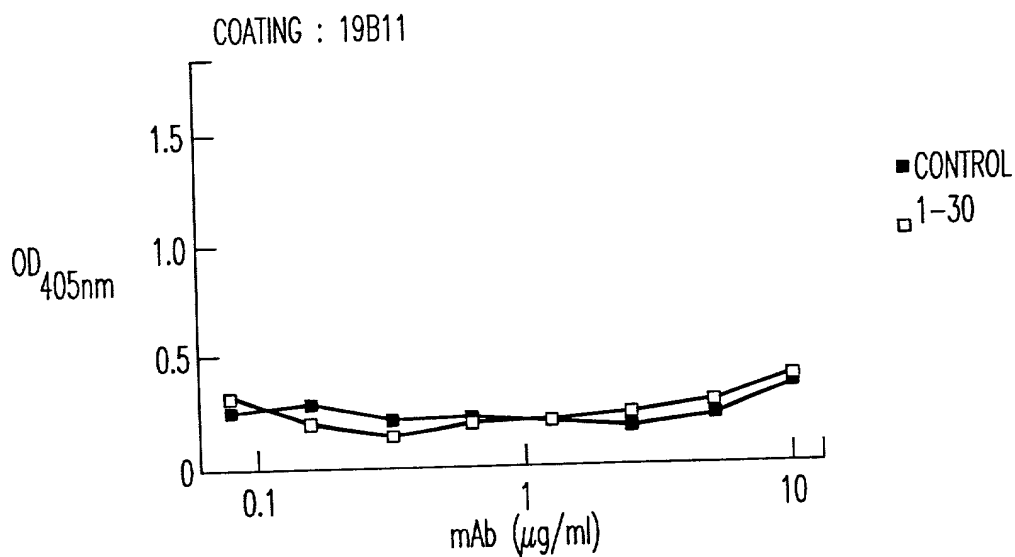


FIG. 3B

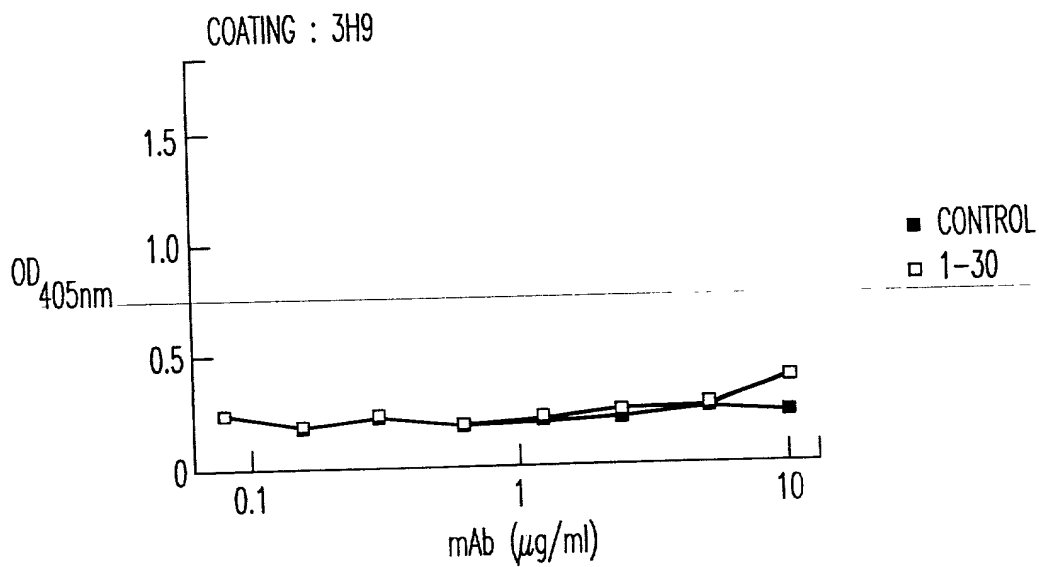


FIG. 3C

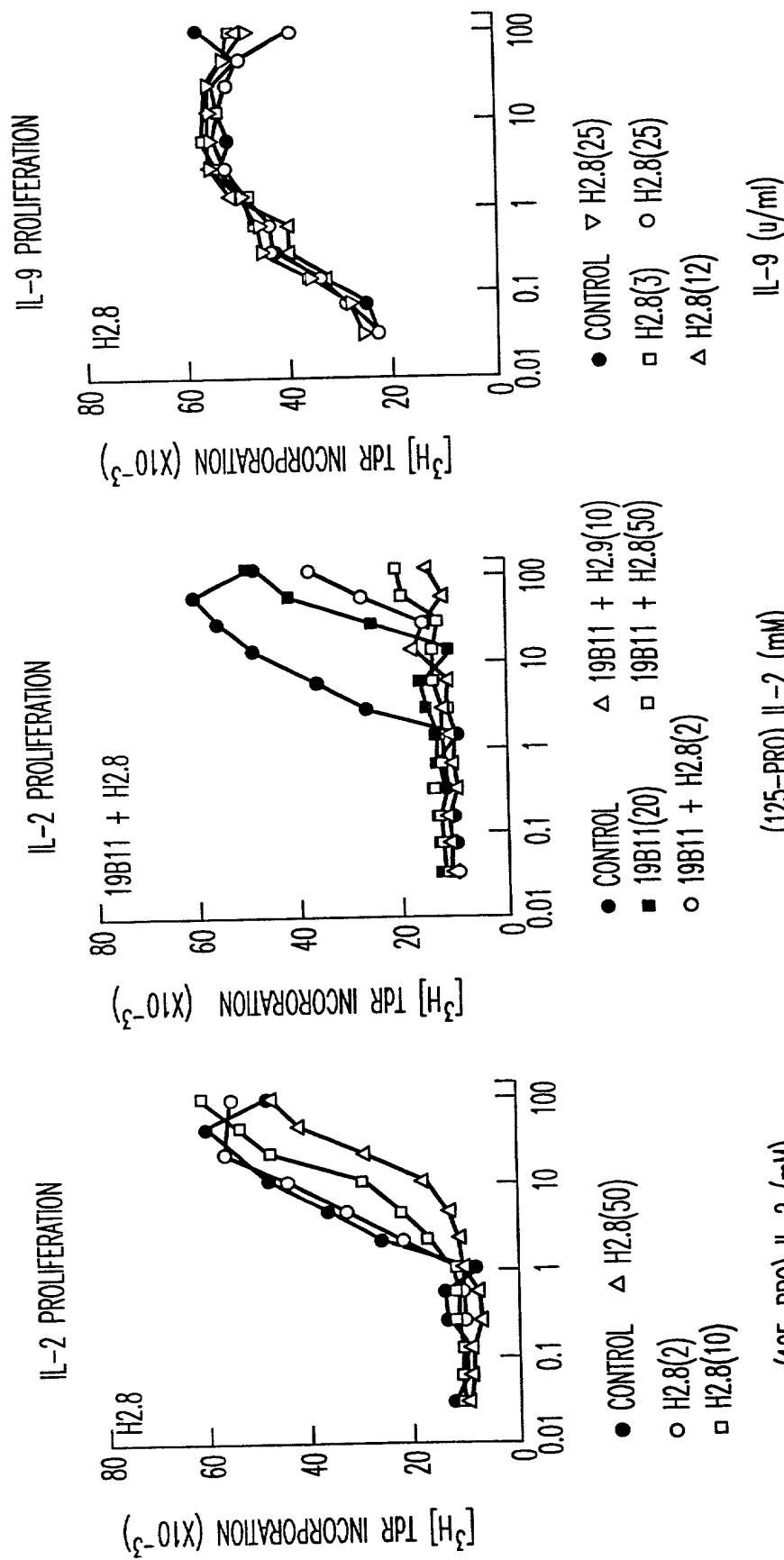


FIG. 4A

FIG. 4B

FIG. 4C

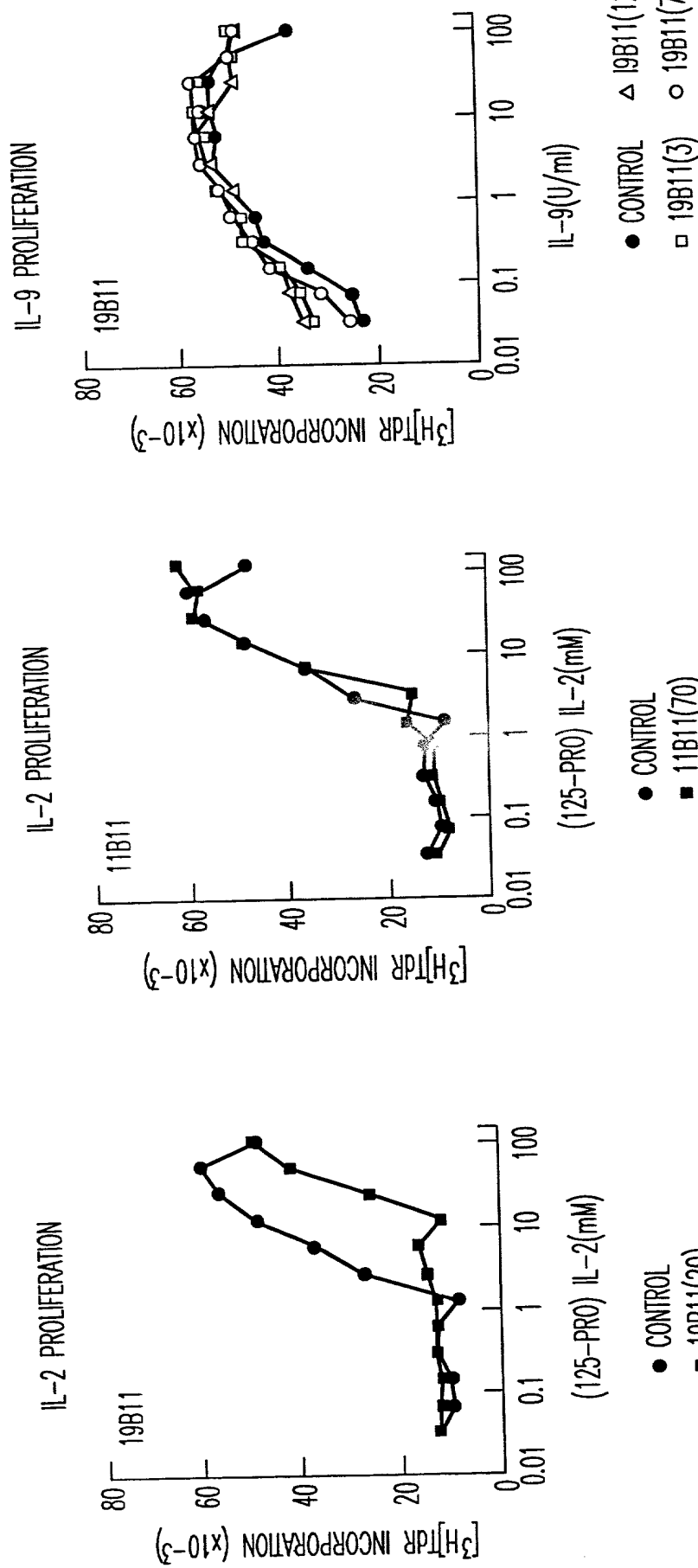


FIG. 4F

FIG. 4E

FIG. 4D

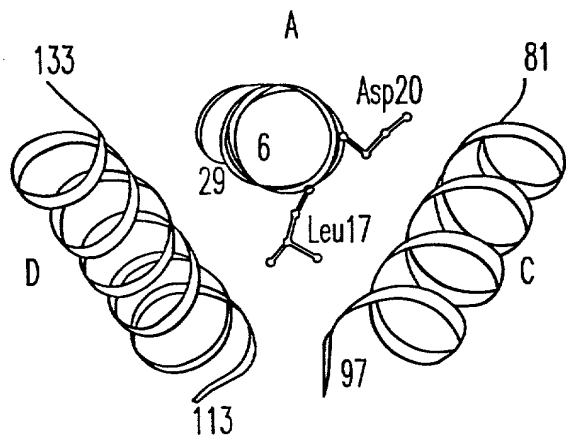


FIG. 5A

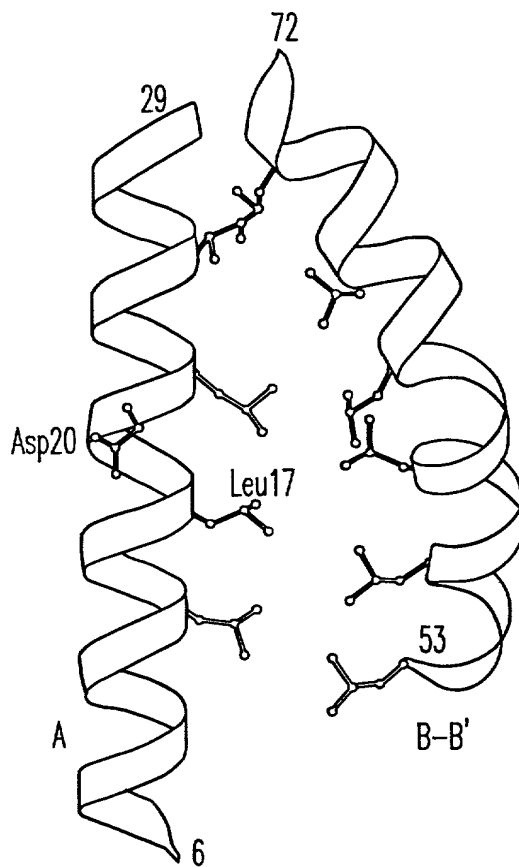


FIG. 5B

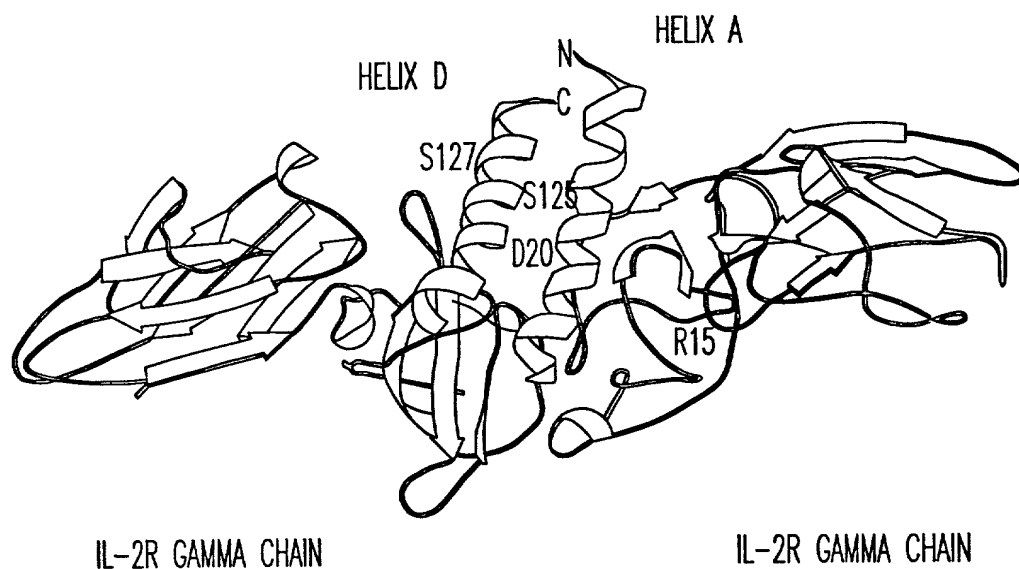


FIG. 5C

INTERLEUKINE-2 RECEPTOR

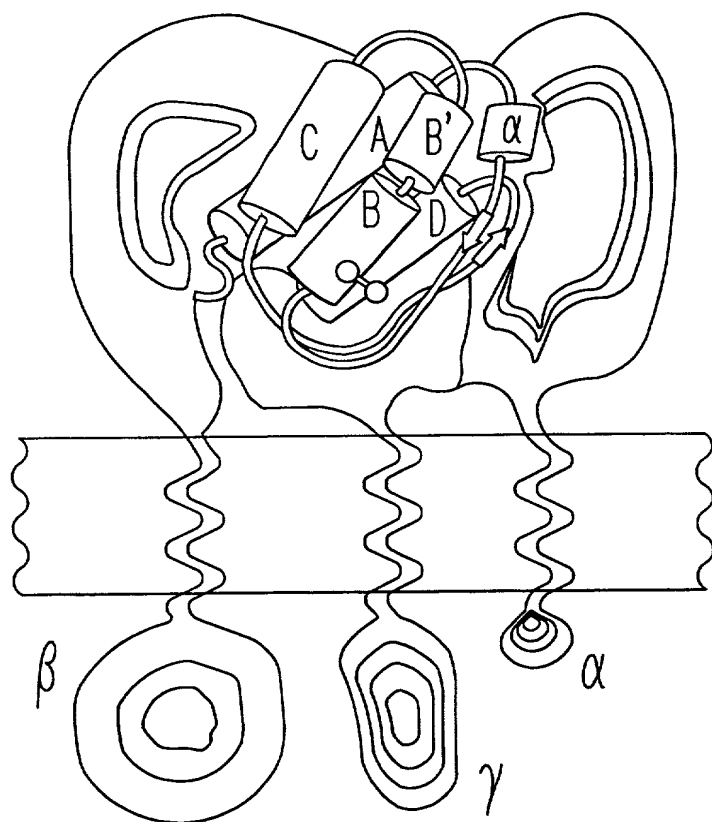


FIG. 6A

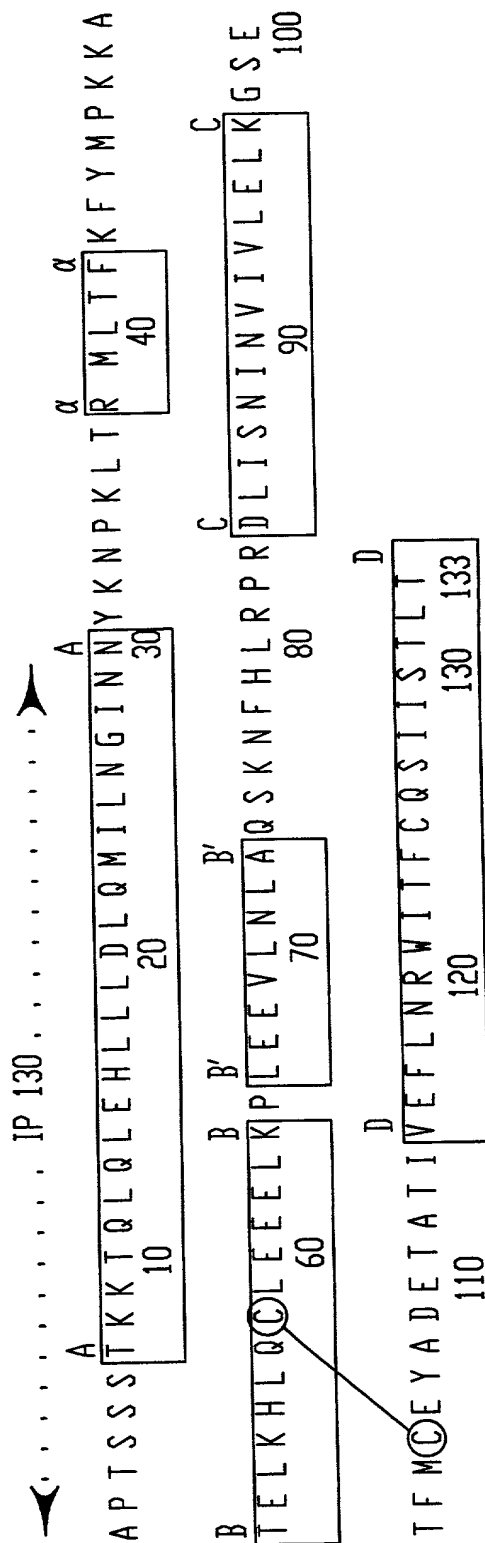


FIG. 6B

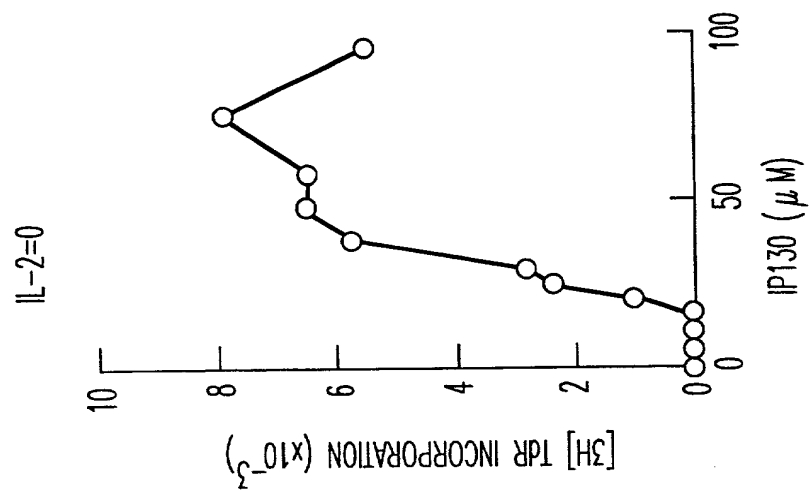


FIG. 7A

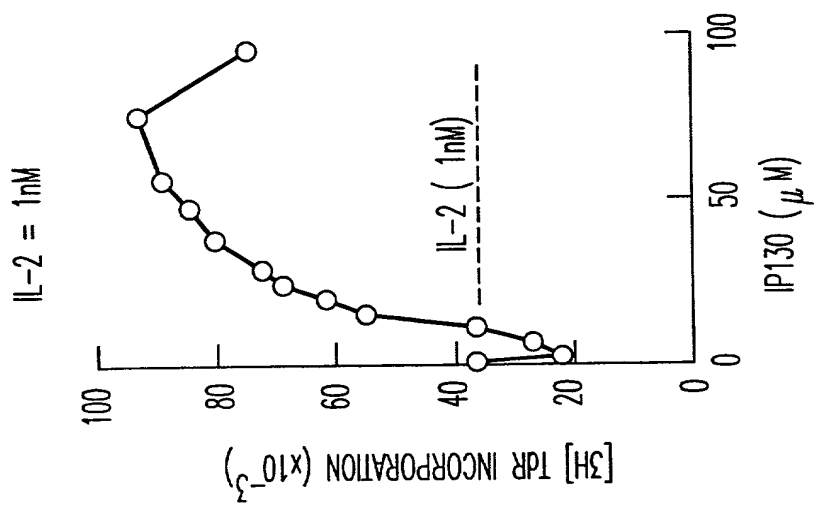


FIG. 7B

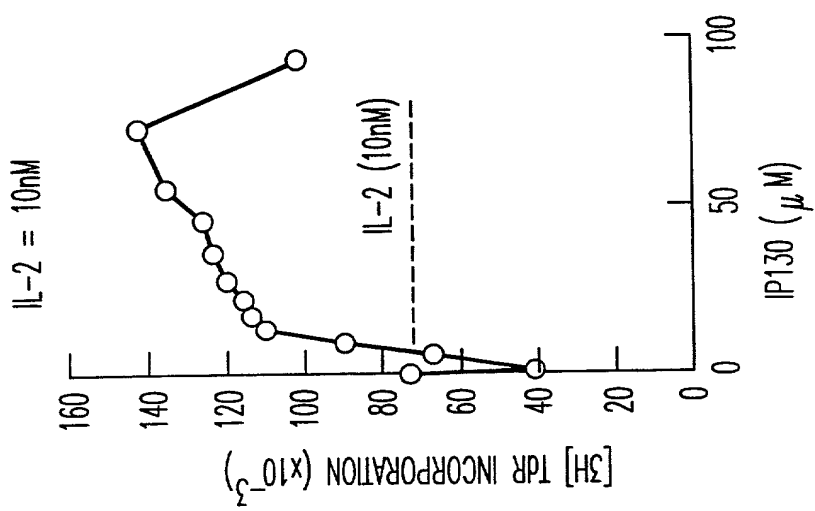
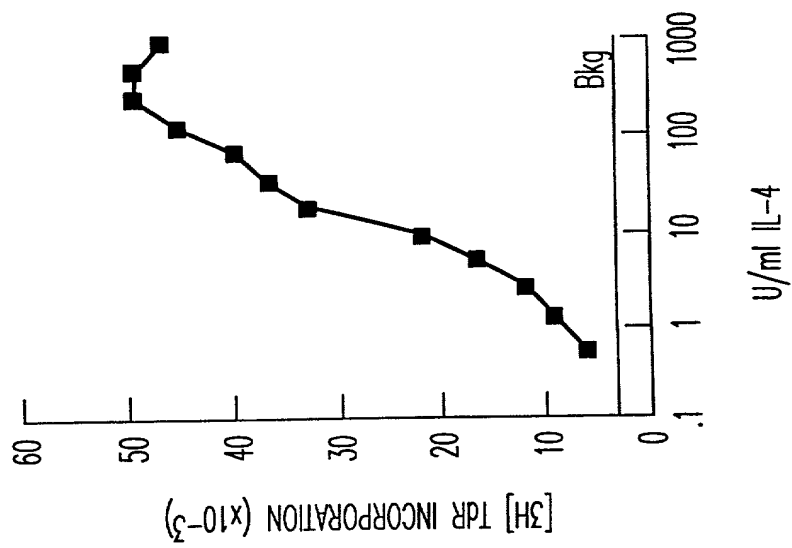
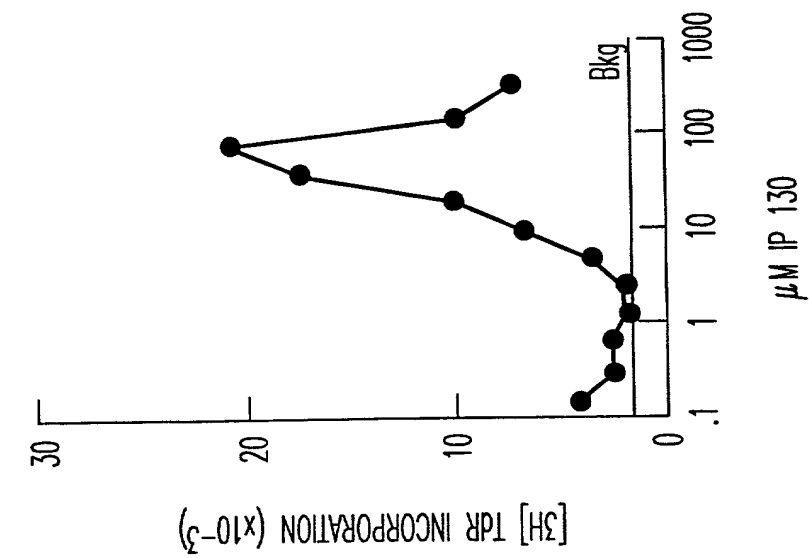


FIG. 7C



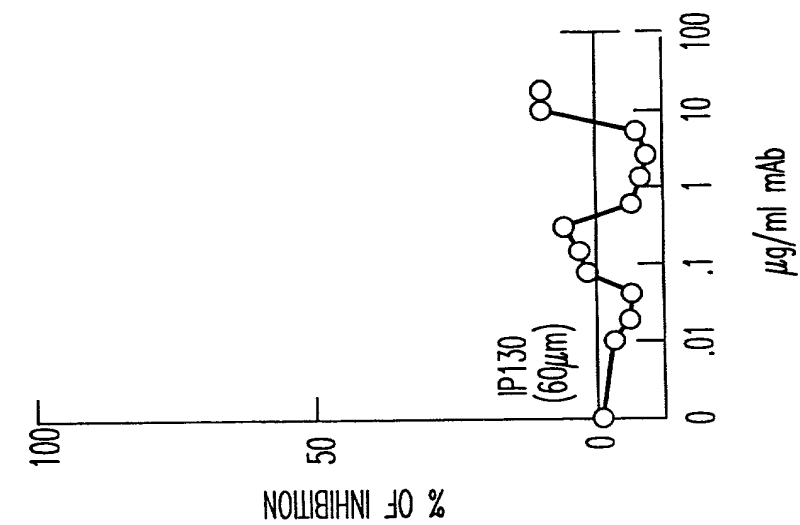


FIG. 8C

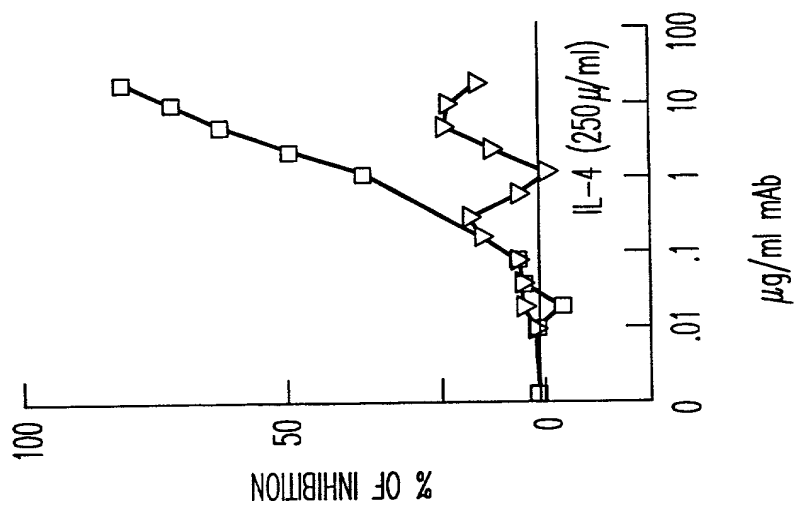


FIG. 8D

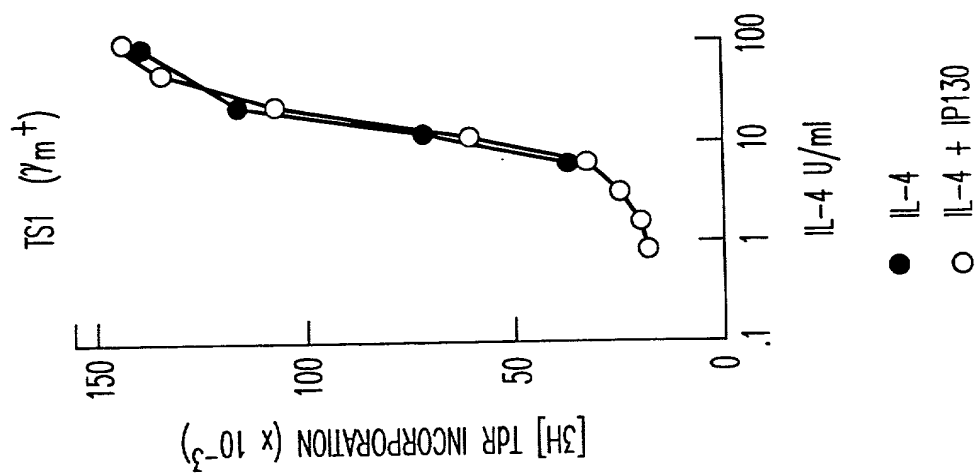


FIG. 9A

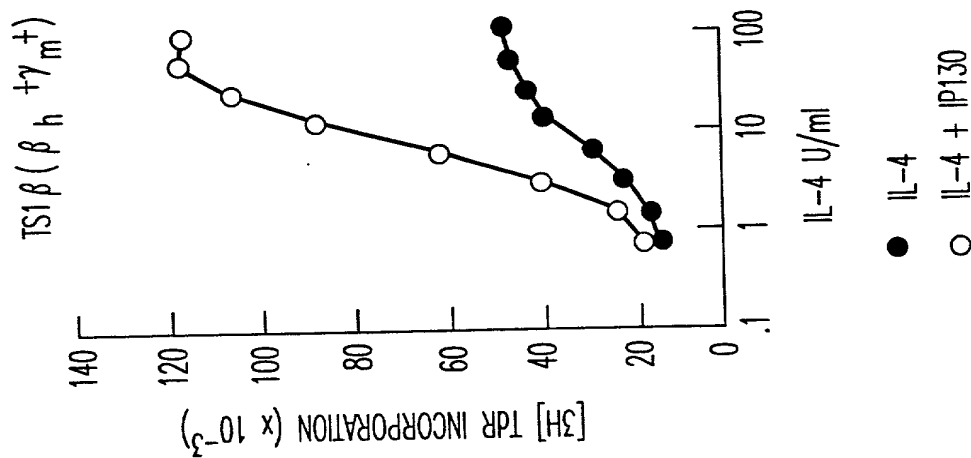


FIG. 9B

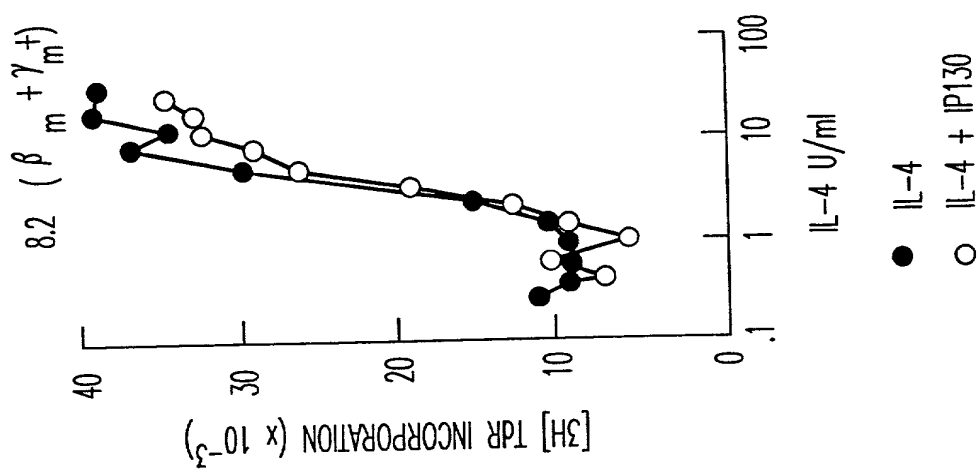
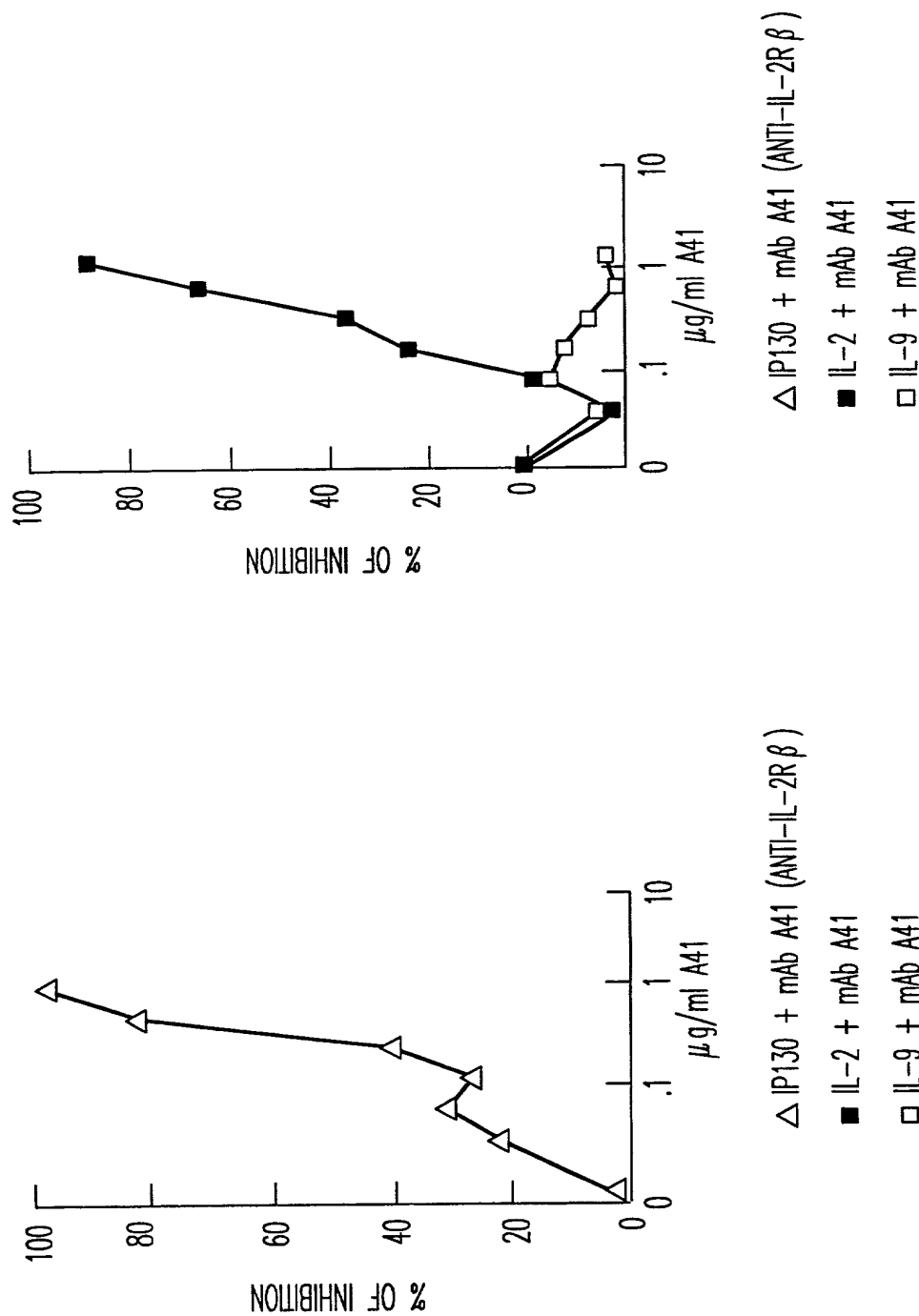
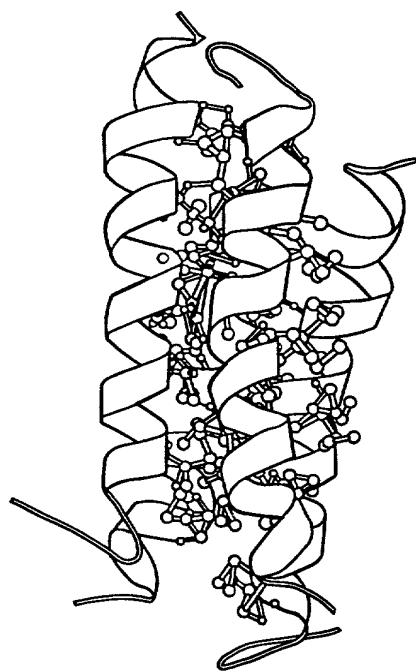


FIG. 9C



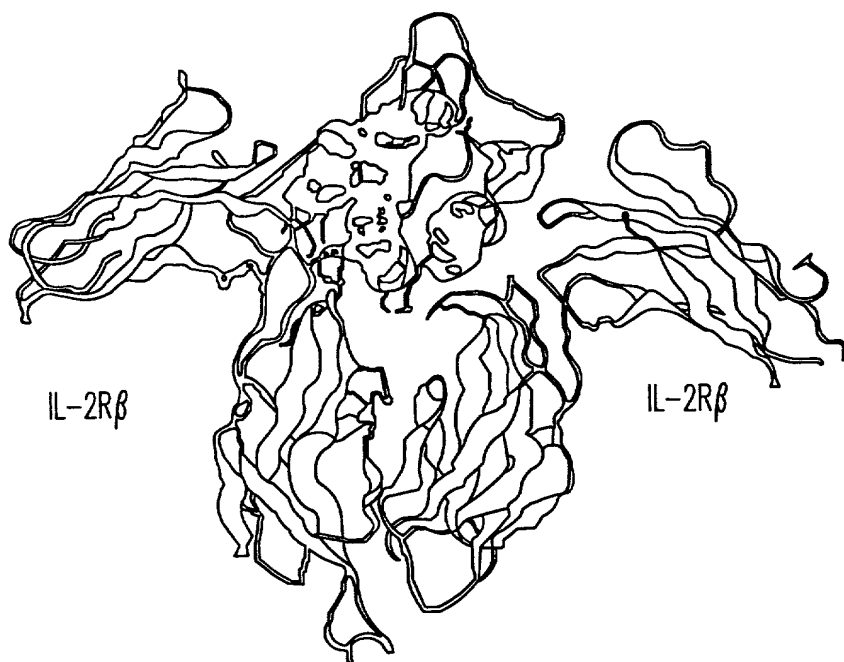
| 1 | 10 | 20 | 30 | | % HELIX (CIRCULAR DICHROISM) | MAIN MOLECULAR SPECIES | ACTIVITY | | | |
|--------------------------------|----|----|----|----|---|--|----------|--|--|--|
| APTTSSSTKTKTQLQLEHLLDLQMLNGINN | | | | | | | | | | |
| 1 | | | | 30 | 50% (150 @ 30 μ M) 35% (4 μ M) | TETRAMER (4M-8M, Kd=30-100 μ M) /OCTAMER | +++ | | | |
| | | | | | | | | | | |
| | | | | 30 | 22% (150 @ 30 μ M) | DIMER (1M-2M, Kd=0.2 μ M) /TETRAMER (2M-4M, Kd=100 μ M) | ++ | | | |
| | | | | 10 | | | | | | |
| 1 | | | | 22 | <2% | | - | | | |
| 1 | | | | 10 | 0% | DIMER (1M-2M, Kd=50 μ M) (2M-4M, Kd=1.4mM) | - | | | |
| | | | | | | | | | | |
| | | | | 15 | 0% | DIMER (1M-2M, Kd=113 μ M) | - | | | |
| | | | | | | | | | | |
| | | | | 10 | 0% | MONOMER | ND | | | |
| | | | | 20 | | | | | | |
| | | | | 20 | <5% | MONOMER | + | | | |
| | | | | | | | | | | |

FIG. 10



IP130

FIG. 11A



IL-2R β

IL-2R β

IP130

FIG. 11B

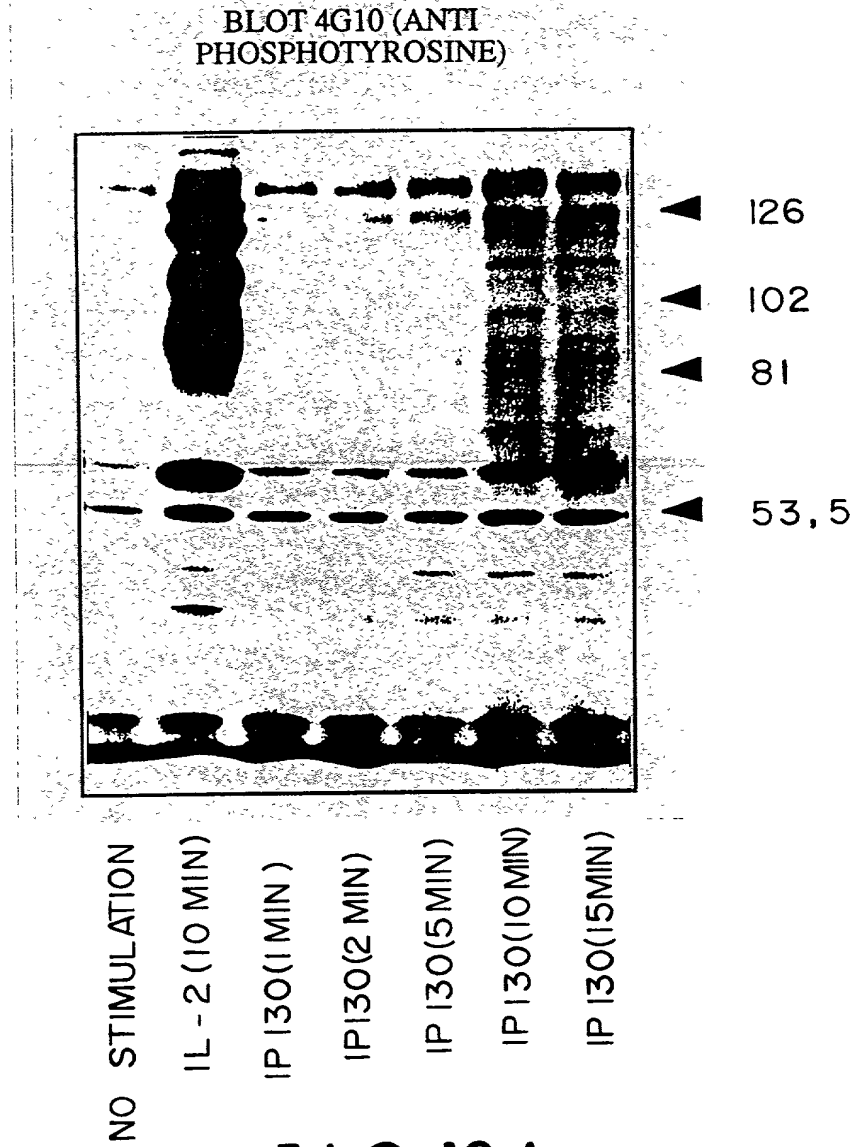


FIG. 12A

BLOT ANTI SHC

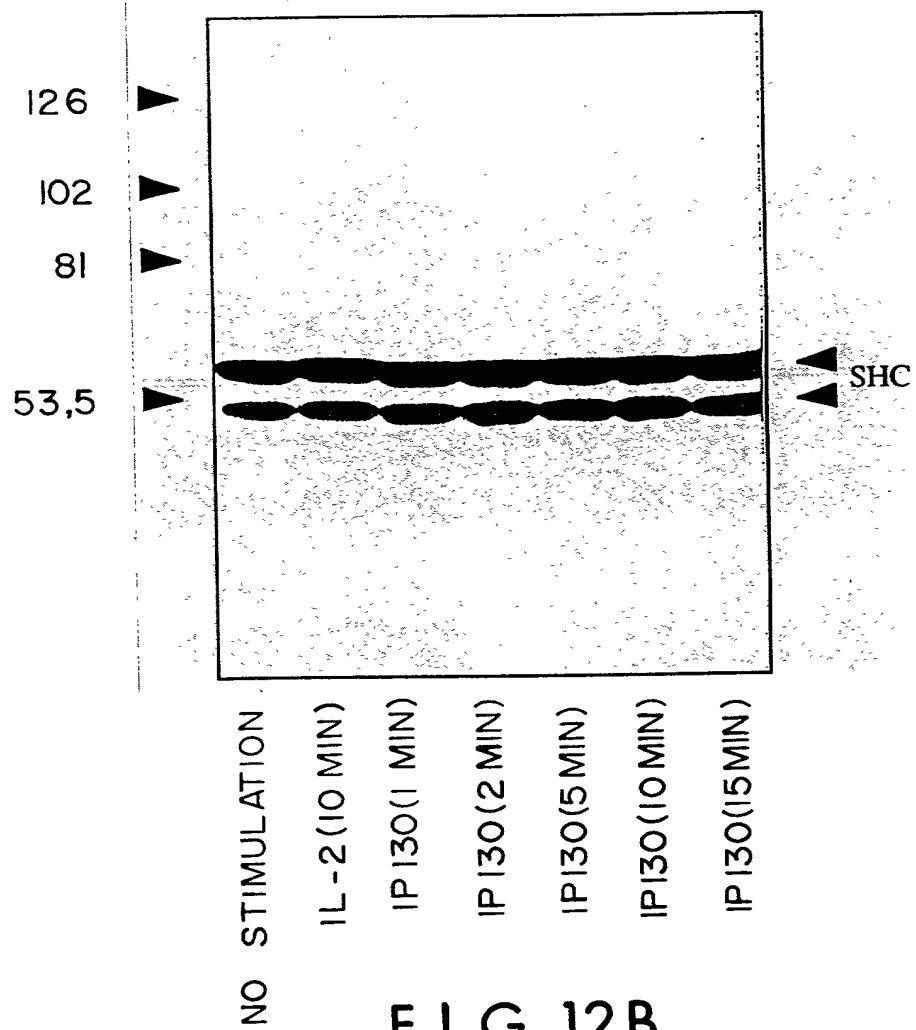


FIG. 12B

▶ ACTIVATED STATs

11-2

IP 130

IL-2+IP130

FIG. 13

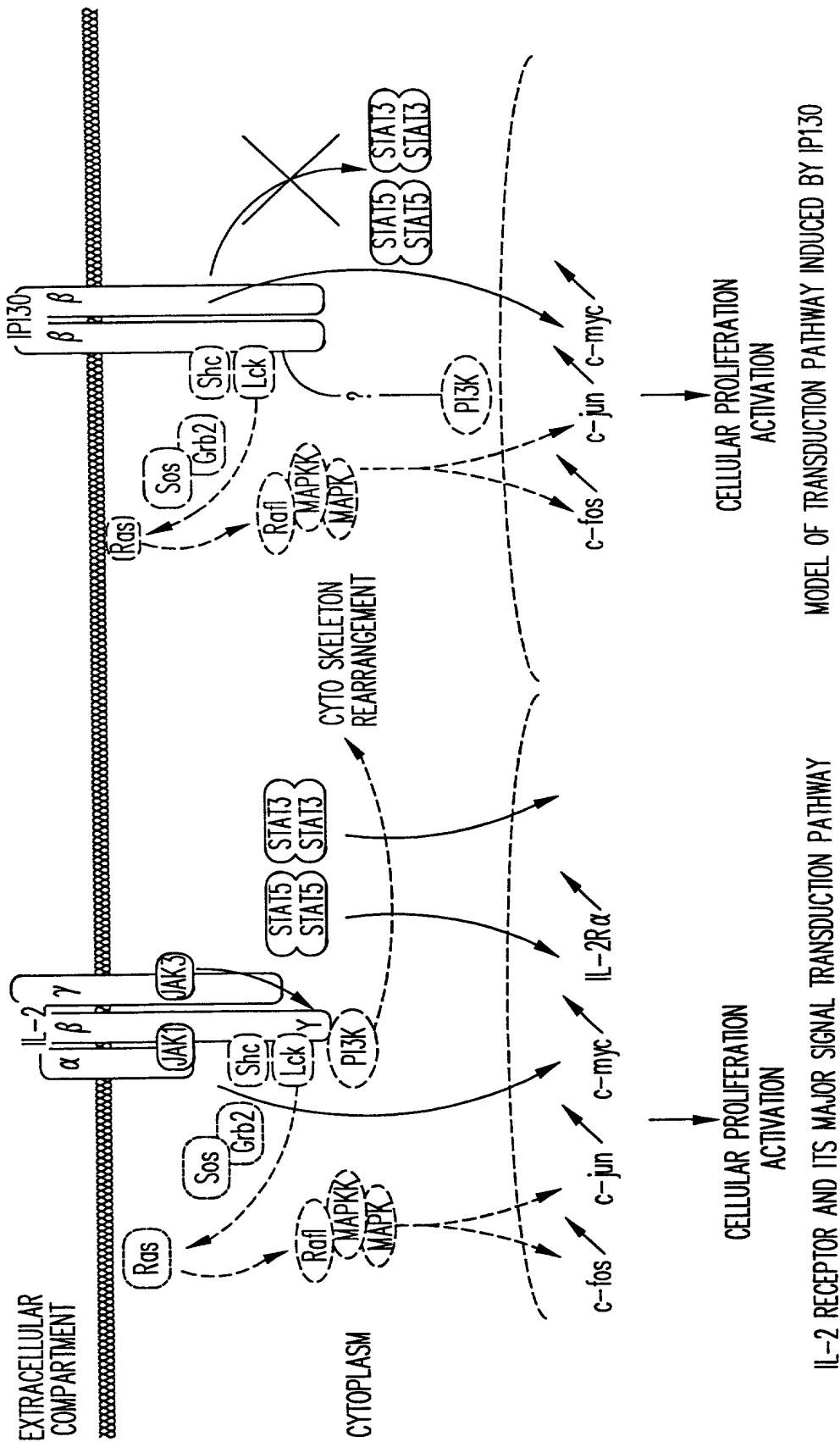


FIG. 14

NK CELLS (CD56⁺) ENTERING IN S+G2/M PHASES AFTER IP130 STIMULATION
(SYNERGY WITH IL-2)

| TREATMENT | | J31 | J32 | J33 |
|--------------|-------------------|-----|-----|----------|
| IL-2 50 nM | | 14 | 12 | 14 |
| | IP130 60 μ M | 0 | 17 | ≤ 5 |
| | IP130 120 μ M | 0 | 14 | < 5 |
| IL-2 50 nM + | IP130 60 μ M | 26 | 21 | 7 |
| IL-2 50 nM + | IP130 120 μ M | 28 | 28 | 28 |

FIG. 15

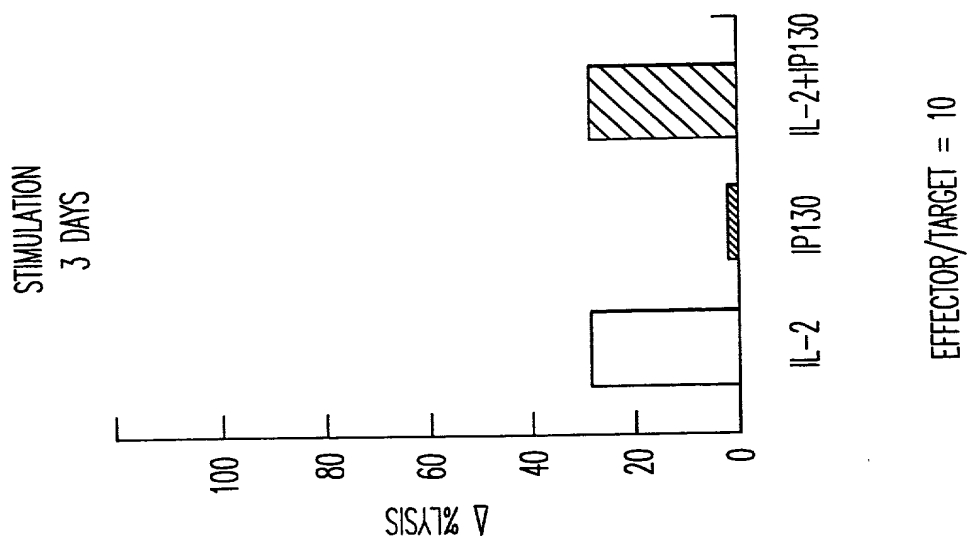


FIG. 16B

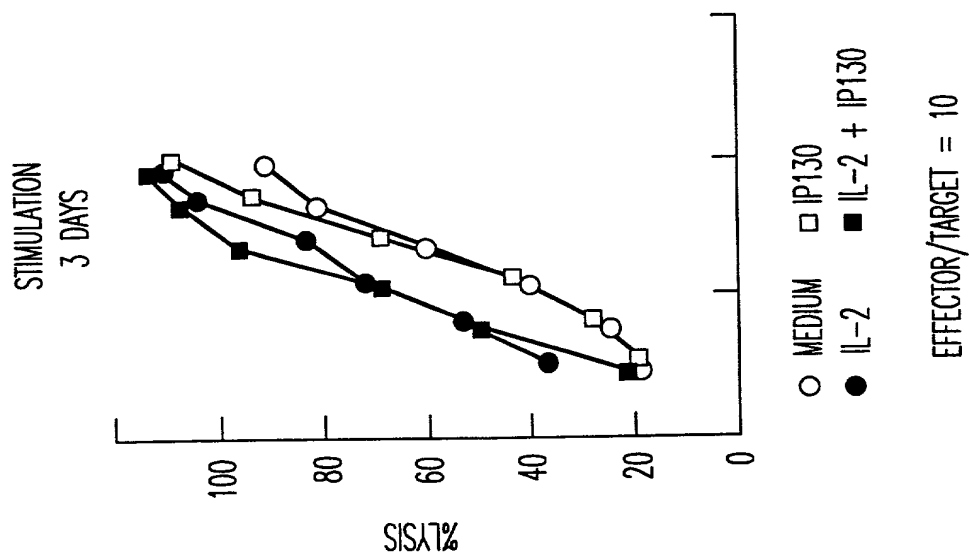


FIG. 16A

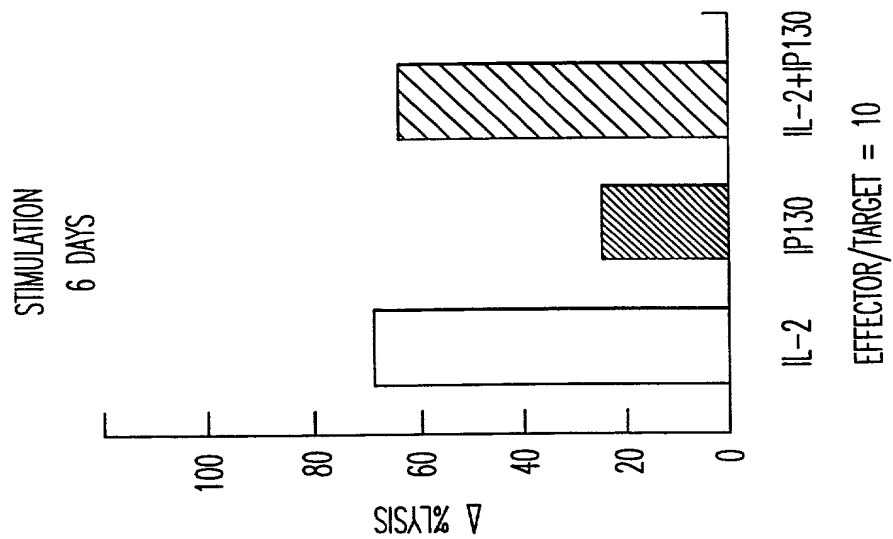


FIG. 16D

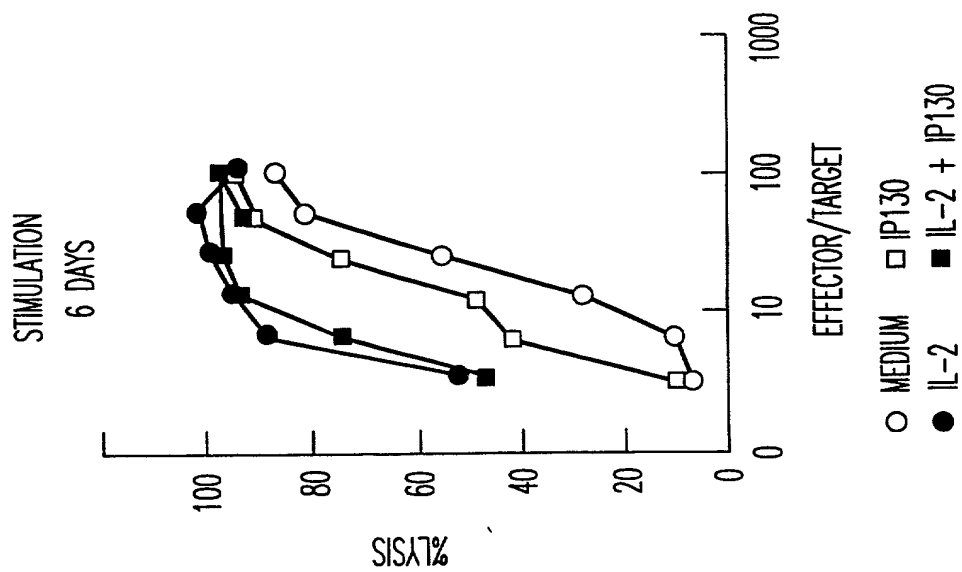


FIG. 16C

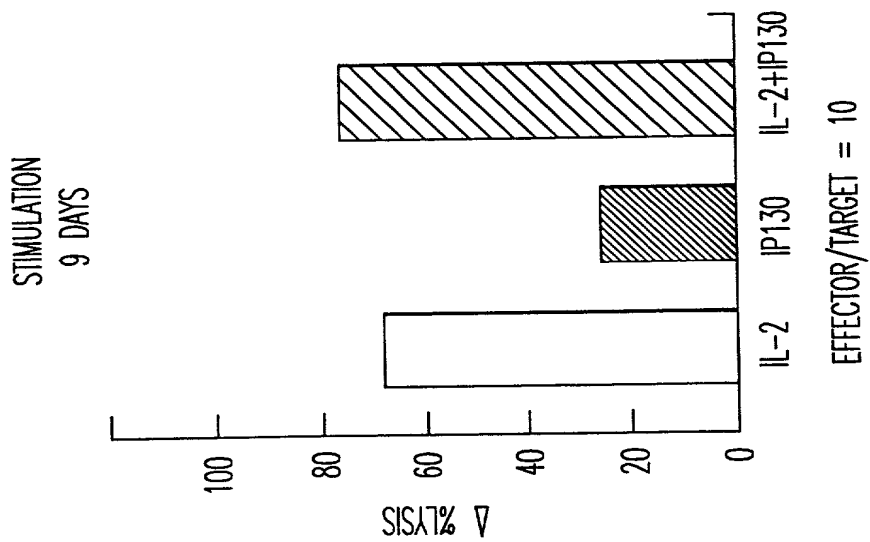


FIG. 16F

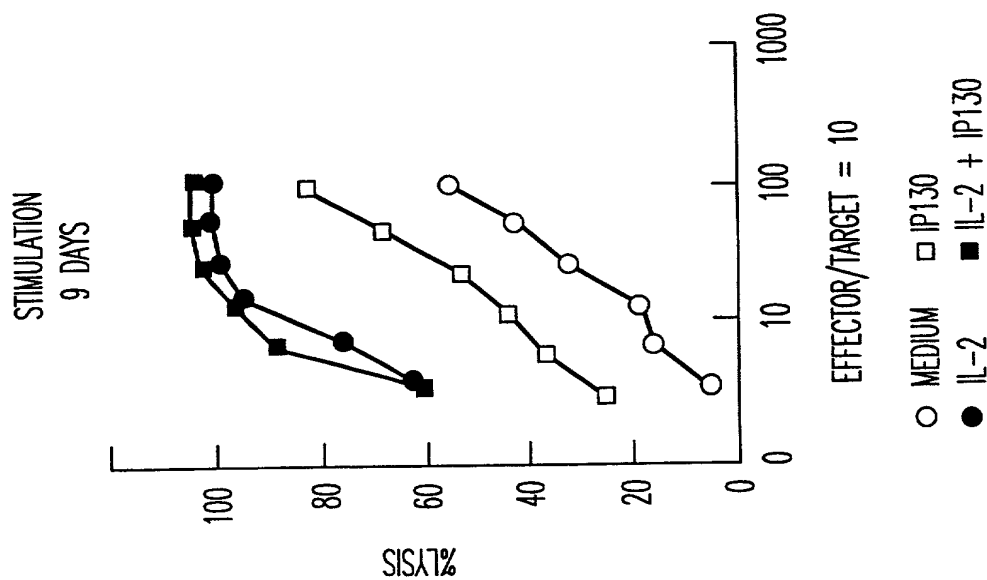


FIG. 16E

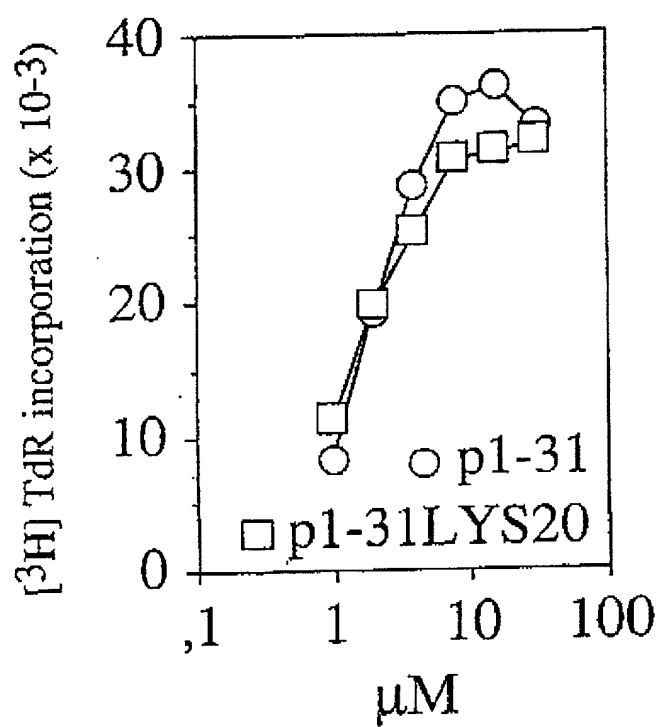


FIGURE 17

100000 12/29/250

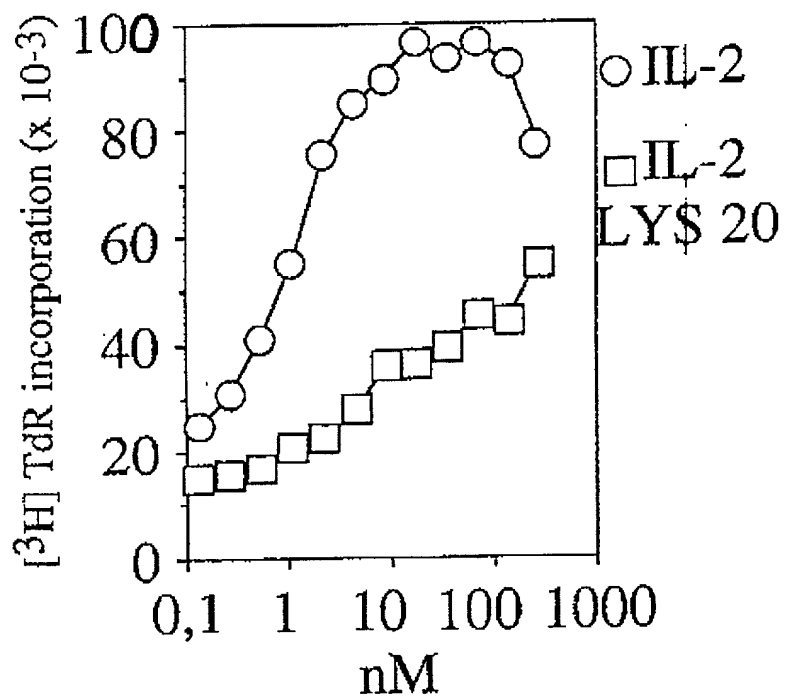


FIGURE 18

7 8 9 10 11 12

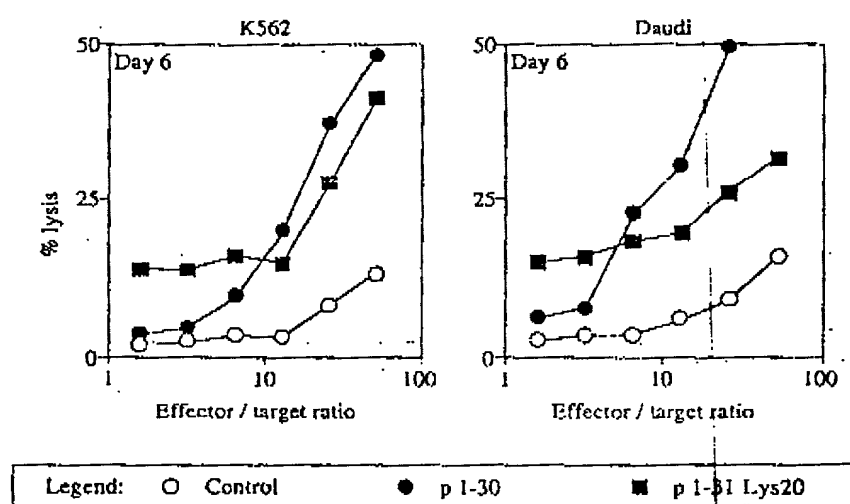


FIGURE 19